



PTO/SB/08B (07-05)

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/761,552
Filing Date	January 21, 2004
First Named Inventor	Jeff Kirsner
Art Unit	1712
Examiner Name	Timothy J. Kugel
Attorney Docket Number	HALB:020D1

Sheet 1 of 1

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
TJK	NX	Defendant M-I, LLC's Reply in Support of its Motion for Summary Judgment of Invalidity with Respect to U.S. Patent No. 6,887,832 with exhibits	
TJK	NY	M-I, LLC's Responsive Brief on the Construction of the Asserted Claims of U.S. Patent No. 6,887,832 with exhibits	
TJK	NZ	Halliburton's Unopposed Motion for Leave to Exceed Page Limit for its Surreply in Opposition to M-I's Motion for Summary Judgment of Invalidity with the Surreply and other ex	
TJK	OA	Halliburton's Unopposed Motion for Leave to Exceed Page Limit for Reply Brief on Claim Construction with the Reply Brief and other exhibits	

Examiner Signature	/Timothy J. Kugel/ (05/24/2006)	Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/761,552
		Filing Date	01/21/04
		First Named Inventor	Jeff Kirsner
		Art Unit	1712
		Examiner Name	To be Assigned
Sheet <u>1</u> of <u>9</u>	Attorney Docket Number	HALB:020DI	

U.S. PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code (if known) ²			
TJK	AA	US- 5,869,434		02-09-1999	Mueller et al.	
	AB	US- 5,846,913		12-08-1998	Sawdon	
	AC	US- 5,403,822		04-04-1995	Mueller et al.	
	AD	US- 2001/0009890 A1		07-26-2001	Patel et al.	
	AE	US- 4,802,298		02-07-1989	Mueller et al.	
	AF	US- 5,106,516		04-21-1992	Mueller et al.	
	AG	US- 5,252,554		10-12-1993	Mueller et al.	
	AH	US- 5,318,954		06-07-1994	Mueller et al.	
	AI	US- 5,318,955		96-07-1994	Mueller et al.	
	AJ	US- 5,318,956		06-07-1994	Mueller et al.	
	AK	US- 5,403,822		04-04-1995	Mueller et al.	
	AL	US- 5,441,927		08-15-1995	Mueller et al.	
	AM	US- 5,508,258		04-16-1996	Mueller et al.	
	AN	US- 5,607,901		03-04-1997	Toups, Jr. et al.	
	AO	US- Re. 36,066		01-26-1999	Mueller et al.	
	AP	US- 5,869,434		02-08-1999	Mueller et al.	
	AQ	US- 5,909,779		06-08-1999	Patel et al.	
	AR	US- 6,022,833		02-08-2000	Mueller et al.	
	AS	US- 6,165,946		12-26-2000	Mueller et al.	
TJK	AT	US- 6,180,572 B1		01-30-2001	Mueller et al.	

FOREIGN PATENT DOCUMENTS								
Examiner Initials ¹	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind ⁵ (if known)				
	AU	WO	93/20386		10-03-1993			
TJK	AV	GB	2,212,192	A	07-19-1989			
	AW	EP	0 134 173		03-13-1983			
TJK	AX	WO	83/02949		09/01/1983			
TJK	AY	GB	2,287,952	B	03-13-1996			
	AZ	DE	196 43 837		03-07-1998			
TJK	BA	WO	00 71241	A	11-30-2000			
TJK	BB	EP	0 561 608	A	09-22-1993			
TJK	BC	WO	99 50370	A	10-07-1999			
	BD	AU	73043194	B	03-22-1993			

Examiner Signature	/Timothy J. Kugel/ (05/22/2006)	Date Considered	
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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>			Complete if Known		
Sheet	2	of	9	Application Number	10/761,552
				Filing Date	01/21/04
				First Named Inventor	Jeff Kirsner
				Art Unit	1712
				Examiner Name	To be Assigned
				Attorney Docket Number	HALB:020DI

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		Number	Kind Code ² (if known)			
TJK	BE	US-	6,211,119 B1	04-03-2001	Herold et al.	
	BF	US-	5,869,434	02-09-1999	Mueller et al.	
	BG	US-	4,508,628	08-02-1994	Walker et al.	
	BH	US-	5,333,698	08-02-1994	Van Slyke	
	BI	US-	5,846,913	12-08-1998	Sawdon	
	BJ	US-	5,635,457	06-03-1997	Van Slyke	
	BK	US-	4,012,329	03-15-1977	Hayes, et al.	
	BL	US-	5,237,080	08-17-1993	Daute et al.	
	BM	US-	5,330,662	07-19-1994	Jahnke et al.	
	BN	US-	6,090,754	07-18-2000	Chan et al.	
	BO	US-	6,001,790	12-14-1999	Schmitt et al.	
	BP	US-	5,403,508	04-04-1995	Reng et al.	
	BQ	US-	5,308,401	05-03-1994	Geke et al.	
	BR	US-	6,110,874	08-29-2000	Van Slyke	
	BS	US-	6,107,255	08-22-2000	Van Slyke	
	BT	US-	6,034,037	03-07-2000	Van Slyke	
	BU	US-	5,968,845	09-28-1999	Van Slyke	
	BV	US-	5,254,531	10-19-1993	Mueller et al.	
	BW	US-	5,929,297	07-27-1999	Theriot et al.	
TJK	BX	US-	5,877,378	03-02-1998	Overstreet et al.	

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Examiner Initials [*]	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind ⁵ (if known)				
TJK	BY	GB	2,309,240	A	07-23-1997			
	BZ	DE	190 43 840	A	07-03-1998			
TJK	CA	WO	93 23491	A	11-25-1993			
	CB	DE	40 18 228	A	12-12-1991			✓
	CC	DE	44 20 433	A	12-14-1993			
TJK	CD	EP	0 124 194	A2	11-07-1984			
TJK	CE	WO	95/21225		08-11-1985			
TJK	CF	WO	95/09215		04-06-1995			
TJK	CG	EP	0 247 801	A2	12-02-1987			
TJK	CH	EP	0 254 412		01-27-1988			

Examiner Signature	/Timothy J. Kugel/ (05/22/2006)	Date Considered	
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			Filing Date	01-21-2004	
			First Named Inventor	Jeff Kirsner	
			Art Unit	1712	
			Examiner Name	To be Assigned	
			Attorney Docket Number	HALB:020D1	
Sheet	6	of	9		

U.S. PATENT DOCUMENTS						
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		Number	Kind Code ² (if known)			
		US-				
		US-				
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FOREIGN PATENT DOCUMENTS								
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		Office ³	Number ⁴	Kind ⁵ (if known)				
	EL	WO	95/21225	A1	08-10-1995	Chevron		✓
TJK	EM	UK	2 166 782	A	05-14-1986	Mobil		✓
TJK	EN	WO	95/06694	A1	03-09-1995	SOFITECH NV		✓
	EO	DE	190 45 837	A1	03-07-1998	Henkel KGaA		✓
TJK	EP	UK	2 166 782	A	05-14-1996	Mobil		✓
TJK	EQ	WO	00/71241	A1	11-30-2000	Proctor & Gamble		✓
								✓
								✓
								✓

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TJK	HA	US-	4,488,975	12-18-1984	Almond	
	HB	US-	4,552,215	11-12-1985	Almond et al.	
	HC	US-	4,553,601	11-19-1985	Almond et al.	
	HD	US-	4,671,883	06-09-1987	Connell et al.	
	HE	US-	4,787,990	11-29-1988	Boyd	
	HF	US-	4,810,355	03-07-1989	Hopkins	
	HG	US-	4,900,456	02-13-1990	Ogilvy	
	HI	US-	5,045,219	09-03-1991	Trahan et al.	
	HJ	US-	5,189,012	02-23-1993	Patel et al.	
	HK	US-	5,333,698	08-02-1994	Van Slyke	
	HL	US-	5,432,152	07-11-1995	Dawson et al.	
TJK	HM	US-	5,498,596	03-12-1996	Ashjian et al.	
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Sheet 8	of 9	Attorney Docket Number	HALB:020D1

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
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TJK	FA	Friedheim, J.E., "Second-Generation Synthetic Drilling Fluids," SPE Distinguished Author Series: Dec. 1981-Dec. 1983.	
	FB	"Neodol 23-6.5", Shell Chemicals, 'Online!XP 002164096; Retrieved from the internet: URL: http://www.shellchemicals.com/neodol/1_1098_876_00.html retrieved on 2001-03-28! page 1-page 2	
	FC	"Altonic product sheet" CONDEA, 'Online!XP002164097; Retrieved from the internet: URL: http://www.condea.de/products/surfactants/surfactants_nonionnic/alfonic.html retrieved on 2001-03-28! page 1-page 4	
	FD	"Tergitol detergents", SIGMA Product Information Sheet, 'Online! XP002164098, Retrieved from the internet: URL: http://www.sigma-jml.com/sigma/proddata/t7543mc.html retrieved on 2001-03-28! page 1 page 2	
TJK	FE	Chapter 13, Synthetics, Baroid Fluids Handbook, Revised August 1, 1997.	
TJK	FG	P.A. Boyd, D. L. Whitfill, T.s. Carter, and J.P. Allamon, New Base Oil Used in Low-Toxicity Oil Muds, 14 J. Petroleum Technology, 1985, pages 937-942.	
TJK	FH	Friedheim, J.E., 'Second-Generation Synthetic Drilling Fluids,' SPE Distinguished Author Series, Dec. 1981-Dec. 1983.	
	FI	Bob Byrd, Mario Zamora, "Fluids are Key in Drilling Highly Deviated Wells," Petroleum Engineer International, February 1988, pages 24-26.	
	FJ	David D. Wilson, "Something New in Environmental Horizontal Installation," WWJ, February 1996, pages 27-28	
	FK	Daniel B. Oakley, "Environmental Horizontal Well Installation and Performance: Lessons Learned," Horizontal News, Dept. of Energy Office of Technology Development, Volume 1, No. 2, Fall 1995, pages 7 and 9.	
	FL	"BIO-BORE" (TM) Horizontal Directional Drilling Fluid Concentrate, Product Data Sheet, Baroid Industrial Drilling Products (1995).	

Examiner Signature	/Timothy J. Kugel/ (05/22/2006)	Date Considered	
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Substitute for form 1449B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/761,552
		Filing Date	01/21/04
		First Named Inventor	Jeff Kirsner
		Art Unit	1712
		Examiner Name	To be Assigned
Sheet 9 of 9	Attorney Docket Number	HALB:020D1	

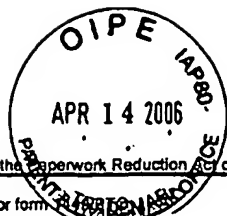
OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	FM	David Ppower, Jim Friedheim and Bret Toups, M-I L.L.C., "Flat Rheology SBM Shows Promise in Deepwater," Drilling Contractor, May/June 2003, pages 44-45.	
	FN	"Neodol 1", "Neodol 1-9", "Neodol 135-3E", "Neodol 135-7E", "Neodol 23", "Neodol 23-1", "Neodol 23-1.1DE", "Neodol 23E", "Neodol 25", "Neodol 25-2.5E", "Neodol 25-3", "Neodol 25-3E", "Neodol 25-7", "Neodol 25-7E", "Neodol 45", "Neodol 45-4E", "Neodol 45E", "Neodol 79E", "Neodol 91", "Neodol 91.2.5E", "Neodol 91-5E", "Neodol 91-6E", "Neodol 91-8", "Neodol 91-E", "Neodol 91-8E", "25-9", "	
	FO	"Neodol 25-OE", "Neodol 25E", "Neodol 45-5E", "Neodol 45-7E", "Product Data Sheets, Shell Chemicals, Retrieved from the internet: URL: http://www.shellchemicals.com/neodol , retrieved on 2003-09-13, each data sheet comprising two pages.	
	GP	Mac Scheult, Len Grebe II, J.E. TRAaweek, Jr., Mike Dudley, "Biopolymer Fluids Eliminate Horizontal Well Problems," WORLD OIL, January 1990, Gulf Publishing Co., Houston, Texas	
	FQ	"Tergitol NP9", "Tergitol 15-S-9", "Tergitol 15-S-8", "Tergitol NP-10", "Tergitol IT 1135", "Tergitol TMN-6", "Tergitol NP-4", "Tergitol 15 S 5", "Tergitol 15 S-30", "Tergitol T1260", "Tergitol nP-7", "Tergitol TMN 10", "Tergitol TMN 3", "Tergitol TMN 6", "Tergitol 15 S-30", "Tergitol NP040", retrieved from the internet on 2003-09-13: http://www.sigmaaldrich.com/cgi-bin/hsrun/Distributed/HahtShop/HAHTpage/HS_CatalogSearch?Scope+NameSearch&Query=tergitol&Collection+ressscatalog&CurPage=1,2 .	

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known	
		Application Number	10/761,552
		Filing Date	January 21, 2004
		First Named Inventor	Jeff Kirsner
		Art Unit	1712
		Examiner Name	Timothy J. Kugel
Sheet 1	of 8	Attorney Docket Number	HALB:020Q1

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
TJK	LA	Baroid Drilling Fluids, Inc. brochure entitled "PETROFREE (TM) The Biodegradable Solution for High-Performance Drilling," (1998) 8 pages	
TJK	LB	A. Samuels, "H ₂ S Need Not Be Deadly, Dangerous, Destructive, Soc. Petroleum Engineers, SPE 5202, (1974)	
TJK	LC	R.K. Clark, et al., "Polyacrylamide/Potassium-Chloride Mud for Drilling Water-Sensitive Shales," J Petroleum Tech. 719-727 SPE 5514 (June 1976)	
TJK	LD	J.E. Friedheim, et al, "An Environmentally Superior Replacement for Mineral-Oil Drilling Fluids," 299-312, SPE 23062, (Sept. 3-6, 1991)	
TJK	LE	J. H. Rushing, et al, "Bioaccumulation from Mineral Oil-WET and Synthetic Liquid-Wet Cuttings in an Estuarine Fish," 311-320, SPE 23350, (Nov. 10-14, 1991)	
TJK	LF	F.V. Jones, et al., "The Chronic Toxicity of Mineral Oil-WET and Synthetic Liquid-Wet Cuttings on an Estuarine Fish, Fundulus grandis," 721-730, SPE 23497, (Nov. 10-13, 1991)	
TJK	LG	J.E. Friedheim, et al, "Superior Performance with Minimal Environmental Impact: A Novel Nonaqueous Drilling Fluid," 713-726, SPE 25753, (Feb. 23-25, 1993)	
TJK	LH	S. Park, et al., "The Success of Synthetic-Based Drilling Fluids Offshore Gulf of Mexico: A Field Comparison to Conventional Systems," 405-418, SPE 26354, (1993)	
TJK	LI	M. Slater, "Commonly Used Biodegradation Techniques for Drilling Fluid Chemicals, Are They Appropriate," 387-397, SPE/IADC 29376, (1995)	
TJK	LK	J. Candler, et al, "Seafloor Monitoring for Synthetic-Based Mud Discharged in the Western Gulf of Mexico," 51-69, SPE 29694, (1995)	

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		Application Number	10/761,552
		Filing Date	January 21, 2004
		First Named Inventor	Jeff Kirsner
		Art Unit	1712
		Examiner Name	Timothy J. Kugel
Sheet 2	of 8	Attorney Docket Number	HALB:02001

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
TJK	LL	J.E. Friedheim, et al, "Second Generation Synthetic Fluids in the North Sea: Are They Better?", 215-228, IADC/SPE 35061, (1996)	
TJK	LM	M. A. Legendre Zevallos, et al., "Synthetic-Based Fluids Enhance Environmental and Drilling Performance in Deepwater Locations," 235-242, SPE 35329 (1996)	
TJK	LN	E.A. Vik, et al, "Factors Affecting Methods for Biodegradation Testing of Drilling Fluids for Marine Discharge," 697-711, SPE 35981 (1996)	
TJK	LO	L. Bailey, et al, "Filtercake Integrity and Reservoir Damage," 111-120, SPE 39429, (1998)	
TJK	LP	P.A. Bern, et al, "Barite Sag: Measurement, Modeling and Management," IADC/SPE 47784 (9 pages)(1998)	
	LO	N. Hands, et al, "Optimising Inflow Performance of a Long Multi-Lateral Offshore Well in Low Permeability, Gas Bearing Sandstone: K14-FB 102 Case Study," SPE 50394 (1998) 14pp	
TJK	LR	L. Xiao, et al, "Studies on the Damage Induced by Drilling Fluids in Limestone Cores," SPE 50711 (17 pages) (1999)	
TJK	LS	A. Meinhold, "Framework for a Comparative Environmental Assessment of Drilling Fluids Used Offshore," SPE 52746 (10 pages) (1999)	
TJK	LT	L.J. Fraser, et al, "Formation-Damaging Characteristics of Mixed Metal Hydroxide Drill-In Fluids and a Comparison with Polymer-Base Fluids," SPE 57714 (1999)	
TJK	LU	P.A. Bern, et al., "Barite Sag: Measurement, Modeling, and Management, " SPE 62051, SPE Drill. & Completion 15(1) 25-30 (March 2000)	

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		Application Number	10/761,552
		Filing Date	January 21, 2004
		First Named Inventor	Jeff Kirsner
		Art Unit	1712
		Examiner Name	Timothy J. Kugel
Sheet 3	of 8	Attorney Docket Number	HALB:02001

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TJK	LV	A. Saasen, et al, "Prediction of Barite Sag Potential of Drilling Fluids from Rheological Measurements," SPE/IADC 29410 (Feb 26-Mar 2, 1995)	
TJK	LW	P.I. Reid, et al, "Field Evaluation of a Novel Inhibitive Water-Based Drilling Fluid for Tertiary Shales," SPE 24979 (Nov. 16-18, 1992)	
TJK	LX	W. Hite, et al, "Better Practices and Synthetic Fluid Improve Drilling Rates, Oil & Gas J. Online (Feb. 20, 1995)	
TJK	LY	N. Hands, et al, "Drill-in Fluid Reduces Formation Damage, Increases Production Rates," Oil & Gas J. Online (1998)	
TJK	LZ	J.P. Plank, "Water-Based Muds Using Synthetic Polymers Developed for High Temperature Drilling," Oil & Gas J. Online (1992)	
TJK	MA	Brookfield Instruction Manual for SSV Vane Standard Spindle Set	
TJK	MB	Brookfield Press Release on Vane Spindles (March 12, 2002), ThomasNet Product News Room	
TJK	MC	EPA Development Document for Proposed Effluent Limitations Guidelines for Standards for Synthetic-Based Drilling Fluid and Other Non-Aqueous Drilling Fluids ... (Feb. 1999)	
TJK	MD	Environmental Impacts of Synthetic Based Drilling Fluids, U.S. Dept of the Interior, Minerals Management Service, August 2000	
TJK	ME	EPA Environmental Assessment of Proposed Effluent Limitations Guidelines for Synthetic-Based Drilling Fluids and Other Non-Aqueous Drilling Fluids ... (Feb. 1999)	

Examiner Signature	/Timothy J. Kugel/ (05/22/2006)	Date Considered	
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		Application Number	10/761,552
		Filing Date	January 21, 2004
		First Named Inventor	Jeff Kirsner
		Art Unit	1712
		Examiner Name	Timothy J. Kugel
Sheet 4	of 8	Attorney Docket Number	HALB:020D1

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TJK	MF	"Horizontal Wells Offer Economic Advantage," Horizontal News, Fall 1996	
TJK	MG	A. Saasen, et al, "Monitoring of Barite Sag Important in Deviated Drilling," Oil & Gas J. Online (1991)	
TJK	MH	Novadril (TM) System, MI Technology Report (1993)	
TJK	MI	G. Robinson et al, "Novel Viscometer for Improved Drilling Fluid Characterization, Baker Hughes INTEQ (1996)	
TJK	MJ	N.J. Alderman, et al, "Vane Rheometry of Bentonite Gels," 39 J. Non-Newtonian Fluid Mechanics 291-310 (1991)	
TJK	MK	API Recommended Practice Standard Procedure for Field Testing Oil-Based Drilling Fluids, API Rec. Prac. 13B--2, 3rd. ed. (Feb. 1998) American Petroleum Institute	
TJK	ML	Deposition Transcript of David Carbajal, co-inventor of US 6,887,832, in Civil Action 6:05CV155, US Dist. Ct. (E.D. TX), Halliburton Energy Serv. v. M-I, LLC, (Jan. 12, 2006)	
TJK	MM	Deposition Transcript of Kimberly Burrows, co-inventor of US 6,887,832 in Civil Action 6:05CV155, US Dist. Ct. (E.D. TX), Halliburton Energy Serv. v. M-I, LLC, (Oct. 26, 2005)	
TJK	MN	Deposition Transcript of Don Siems, co-inventor of US 6,887,832 in Civil Action 6:05CV155, US Dist. Ct. (E.D. TX), Halliburton Energy Serv. v. M-I, LLC, (Dec. 12, 2005)	
TJK	MO	Deposition Transcript of Jeff Kirsner, co-inventor of US 6,887,832 in Civil Action 6:05CV155, US Dist. Ct. (E.D. TX), Halliburton Energy Serv. v. M-I, LLC, (Feb. 15, 2006)	

Examiner Signature	/Timothy J. Kugel/ (05/18/2006)	Date Considered	
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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/761,552
Filing Date	January 21, 2004
First Named Inventor	Jeff Kirsner
Art Unit	1712
Examiner Name	Timothy J. Kugel
Attorney Docket Number	HALB:020D1

Sheet 5

of

8

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TJK	MP	Deposition Transcript of Karen Tripp, patent prosecuting attorney for US 6,887,832, CV 6:05CV155, US Dist. Ct. (E.D. TX), Halliburton Energy Serv. v. M-I, LLC, (Jan 26, 2006)	
TJK	MQ	First Amended Complaint, Civil Action No. 6:05CV155, U.S. Dist. Court, Eastern Dist. of Texas, Tyler Div., Halliburton Energy Services, Inc. v. M-I, LLC., filed 1/27/1006	
TJK	MR	M-I, LLC's 2nd Amended Answer, Affirmative Defenses, and Counterclaims, Civil Action No. 6:05CV155, U.S. Dist. Court, Eastern Dist. of Texas, Tyler Div., filed 2/10/2005	
TJK	MS	Plaintiff's Preliminary Infringement Contentions, Civil Action No. 6:05CV155, U.S. Dist. Court, Eastern Dist. of Texas, Halliburton Energy Services, Inc. v. M-I LLC, 9/16/2005	
TJK	MT	M-I, LLC's Preliminary Invalidity Contentions, CA No. 6:05CV155, U.S. Dist. Court, Eastern Dist. of Texas, Halliburton Energy Services, Inc. v. M-I, LLC, 10/28/2005	
TJK	MU	K. Burrows, et al., "New Low Viscosity Ester is Suitable for Drilling Fluids in Deepwater Applications," SPE 66553, Feb. 2001 (14 pages)	
TJK	MV	L.F. Nicora, "High-Density Invert-Emulsion System with Very Low Solids Content to Drill ERD and HPHT Wells," SPE 65000, Feb. 2001 (17 pages)	
TJK	MW	D. Eckhout, et al., "Development Process and Field Applications of a New Ester-based Mud System for ERD Wells on Australia's Northwest Shelf," IADC/SPE 62791 (Sept. 2002)	
TJK	MX	M. Mas, et al, "A New High-Temperature Oil-Based Drilling Fluid," SPE 53941, Venezuela April 1999 (14 pages)	
	MY	C. Cameron, et al, "Drilling Fluids Design and Management for Extended Reach Drilling," IADC/SPE 72290, Oct. 2001 (7 pages)	

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		Filing Date	January 21, 2004
		First Named Inventor	Jeff Kirsner
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Sheet 6	of 8	Attorney Docket Number	HALB:020D1

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	MZ	L. Knox, et al. "New Developments in Ester-based Mud Technology," AADE-02-DFWM-HO-41, April 2002 (9 pages)	
	NA	L.J. Fraser, "Field Application of the All-Oil Drilling Fluid," IADC/SPE 19955, Feb. 27-Mar. 2, 1990)	
TJK	NB	Halliburton's Proposed Terms and Claim Elements for Construction, CV 6.05CV155, US Dist. Ct. (E.D. TX), Halliburton Energy Serv. v. M-I, LLC, 11/21/2005	
TJK	NC	Defendant M-I, L.L.C.'s List of Disputed Claim Terms, Civil Action No. 6:05CV155, U.S. Dist. Court, (E.D. TX), Halliburton Energy Services, Inc. v. M-I LLC, 11/21/2005	
TJK	ND	Plaintiff's Preliminary Claim Constructions Pursuant to Local Patent Rule 4-2, CV 6.05CV155, US Dist. Ct. (E.D. TX), Halliburton Energy Serv. v. M-I, LLC, 12/23/2005	
TJK	NE	Defendant M-I, LLC's Preliminary Claim Construction and Identification of Extrinsic Evidence for U.S. Patent No. 6,887,832, CV 6.05CV155, US Dist. Ct. (E.D. TX), 12/23/2005	
TJK	NF	Joint Claim Construction and Prehearing Statement Pursuant to P.R. 4-3, CV 6.05CV155, US Dist. Ct. (ED TX), Halliburton Energy Serv. v. M-I, LLC 1/20/2006	
TJK	NG	Defendant M-I, LLC's Motion for Summary Judgment of Invalidity with Respect to U.S. Patent No. 6,887,832,	
TJK	NH	M-I LLC's Motion for Leave to Add Inequitable Conduct Defense to its Pleadings, CV 6.05CV155, US Dist. Ct. (ED TX), Halliburton Energy Serv. v. M-I, LLC, 1/26/2006	
TJK	NI	Halliburton's Opposition to M-I's Motion for Leave to Add Inequitable Conduct Defense to its Pleadings, CV 6.05CV155, US Dist. Ct., Halliburton v. M-I, 2/13/2006	

Examiner Signature	/Timothy J. Kugel/ (05/22/2006)	Date Considered	
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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known	
		Application Number	10/761,552
		Filing Date	January 21, 2004
		First Named Inventor	Jeff Kirsner
		Art Unit	1712
		Examiner Name	Timothy J. Kugel
Sheet 7	of 8	Attorney Docket Number	HALB:020D1

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
TJK	NJ	Plaintiff's Initial Disclosures, Civil Action 6.05CV155, US Dist. Ct. (ED TX), Halliburton Energy Services, Inc. v. M-I, LLC, 9/16/2005	
TJK	NK	Defendant M-I, LLC's Initial Disclosures, Civil Action 6.05CV155, US Dist. Ct. (ED TX), Halliburton Energy Services, Inc. v. M-I, LLC, 8/19/2005	
TJK	NL	Plaintiff Halliburton's Objections and Responses to Defendant M-I LLC's First Set of Requests for Production, Civil Action 6.05CV155, Halliburton v. MI, 8/26/2005	
TJK	NM	Plaintiff Halliburton's Objections and Responses to Defendant M-I LLC's First Set of Interrogatories, Civil Action 6.05CV155, Halliburton v. MI, 8/26/2005	
TJK	NN	Plaintiff Halliburton's Supplemental Responses and Objections to Defendant M-I LLC's First Set of Interrogatories, Civil Action 6.05CV155, Halliburton v. MI, 10/25/2005	
TJK	NO	M-I, LLC's Responses to Plaintiff's First Set of Interrogatories to Defendant (Nos. 1-21), Civil Action 6.05CV155, US Dist. Ct. (ED TX), Halliburton v. MI, 11/16/2005	
TJK	NP	Halliburton's Opening Brief on Claim Construction, Civil Action 6.05CV155, US Dist. Ct. (ED TX), Halliburton Energy Services, Inc. v. M-I, LLC, 3/17/2006	
TJK	NQ	Halliburton's Unopposed Motion for Leave to Exceed Page Limit for its Markman Brief, CV 6.05CV155, US Dist. Ct., Halliburton Energy Services, Inc. v. M-I, LLC, 3/17/2006	
	NR		
	NS		

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	8	of	8
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Complete if Known

Application Number	10/761,552
Filing Date	January 21, 2004
First Named Inventor	Jeff Kirsner
Art Unit	1712
Examiner Name	Timothy J. Kugel
Attorney Docket Number	HALB:020D1

U. S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ^o
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	MM-DD-YYYY			
TJK	NU	CA 2 088 697	02-20-1992	Heinz Mueller et al		
	NV	WO 95 26386	10-05-1995	Wilkinson et al.		
TJK	NW	WO 96 22342	07-25-1996	M. Ellice et al.-BAROID		

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